

# **Texas Division of Emergency Management Texas State Operations Center**



## **Situation Awareness Brief**



**Sunday, October 10<sup>th</sup>, 2021  
As of 0900 CST**

# Tropical Weather Awareness



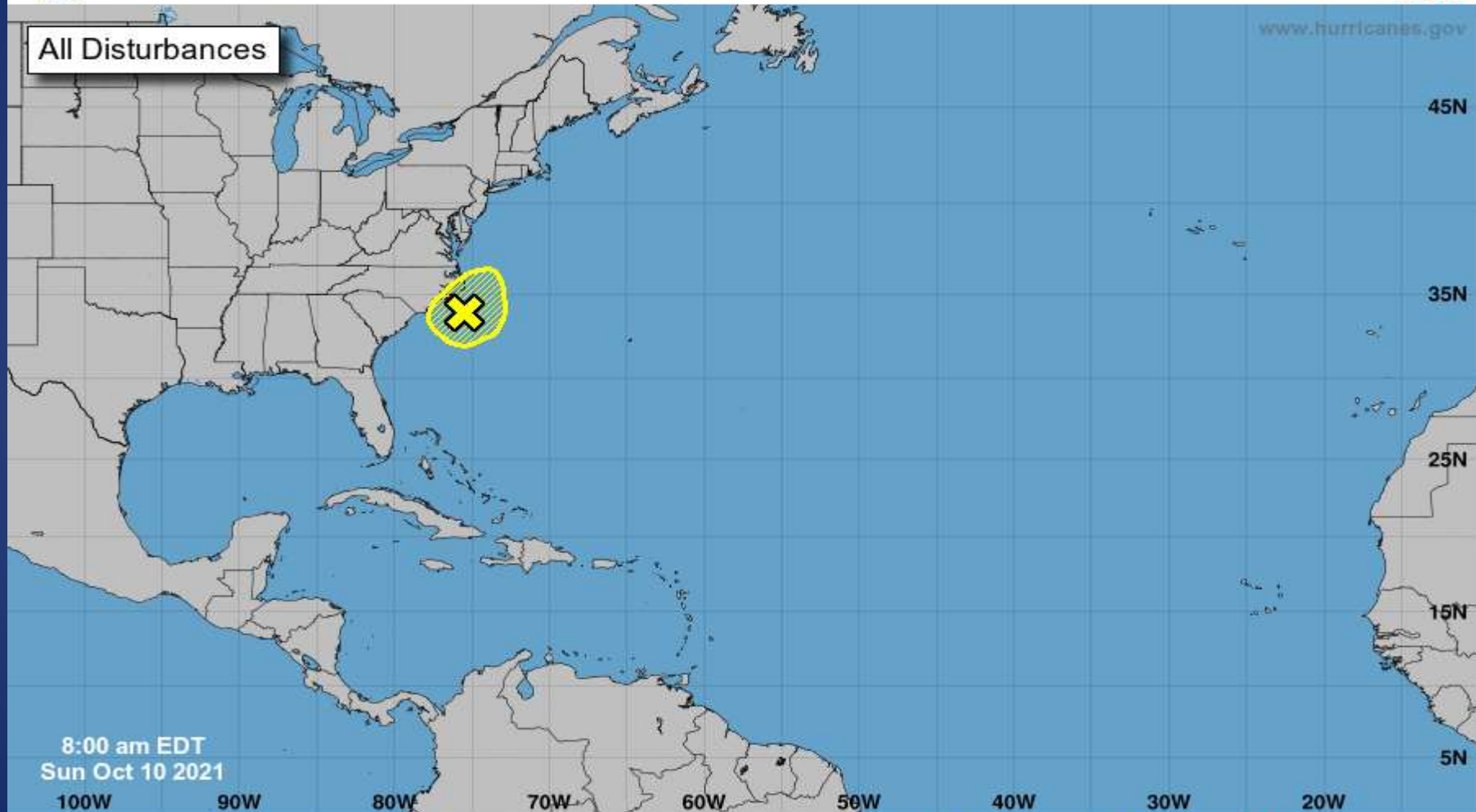
## Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



All Disturbances

www.hurricanes.gov



8:00 am EDT  
Sun Oct 10 2021

Current Disturbances and Five-Day Cyclone Formation Chance:

< 40%	40-60%	> 60%
Tropical or Sub-Tropical Cyclone:		
Depression	Storm	Hurricane
Post-Tropical Cyclone or Remnants		

# Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION	Final Report (Y/N)
10/09/21	Final Report of the Watts Road Fire	Wichita County	Y

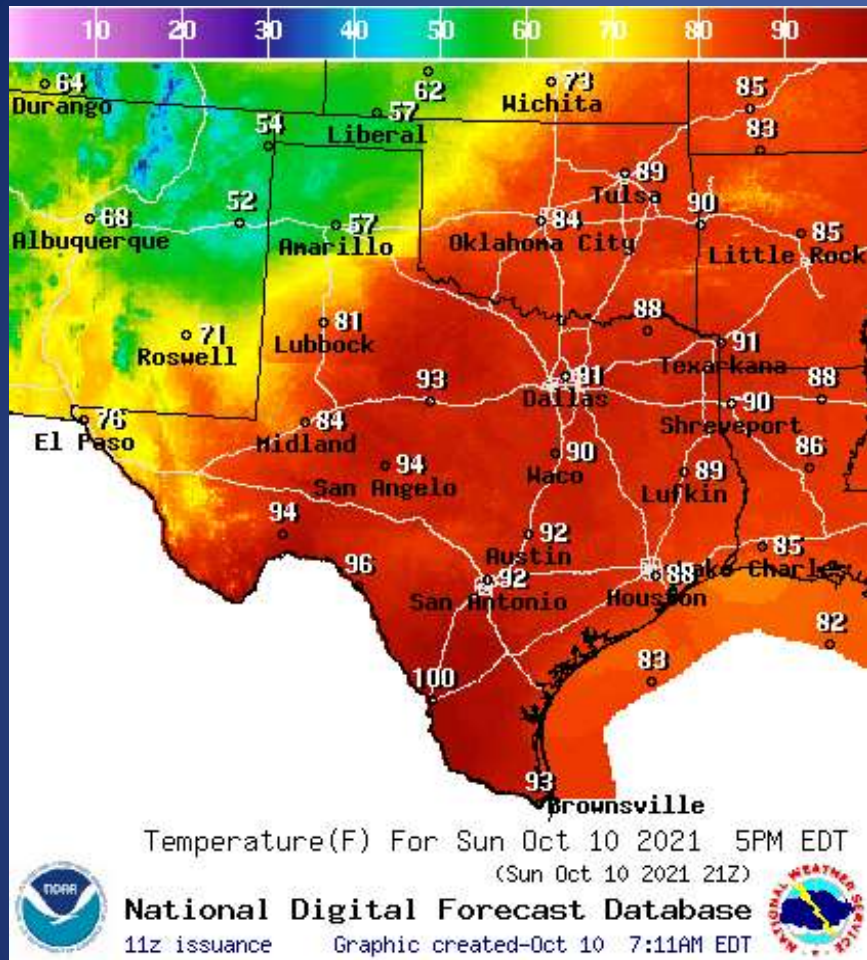
# Informational Products

## Distributed by the State Operations Center

DATE	SUBJECT
10/09/21	NWS Amarillo Weather Briefing: Severe Storms Tuesday
10/09/21	NWS Norman: Severe Weather Update for LATE SUNDAY
10/09/21	NWS Houston/Galveston: Marginal Risk of Severe Weather Late Sunday
10/09/21	NWS Fort Worth Update: Severe Weather Possible Sunday Evening/Overnight
10/10/21	NWS Shreveport - Severe Weather Possible Across Portions of the Four State Region Late This Evening into Early Monday Morning
10/10/21	NWS Fort Worth Update: Severe Weather Possible This Evening/Overnight
10/10/21	Daily NWS Threat Brief for Sunday, October 10, 2021 for FEMA Region 6



# Weather Forecast

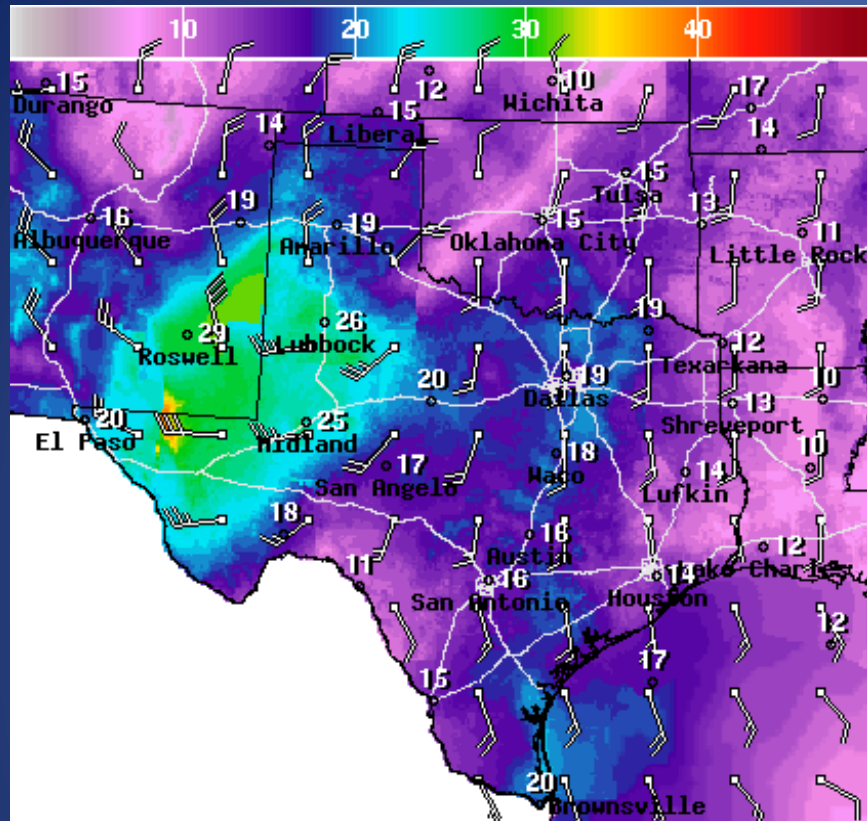


## Highs



## Lows

# Weather Forecast

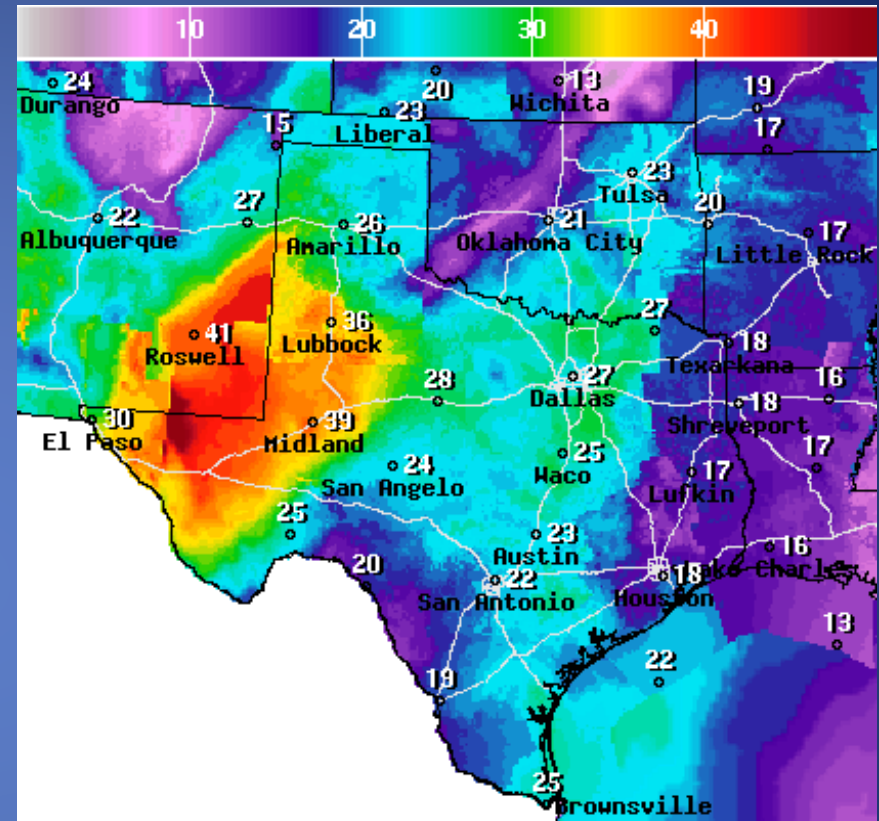


National Digital Forecast Database

10z issuance Graphic created-Oct 10 6:22AM EDT



## Wind Speeds



National Digital Forecast Database

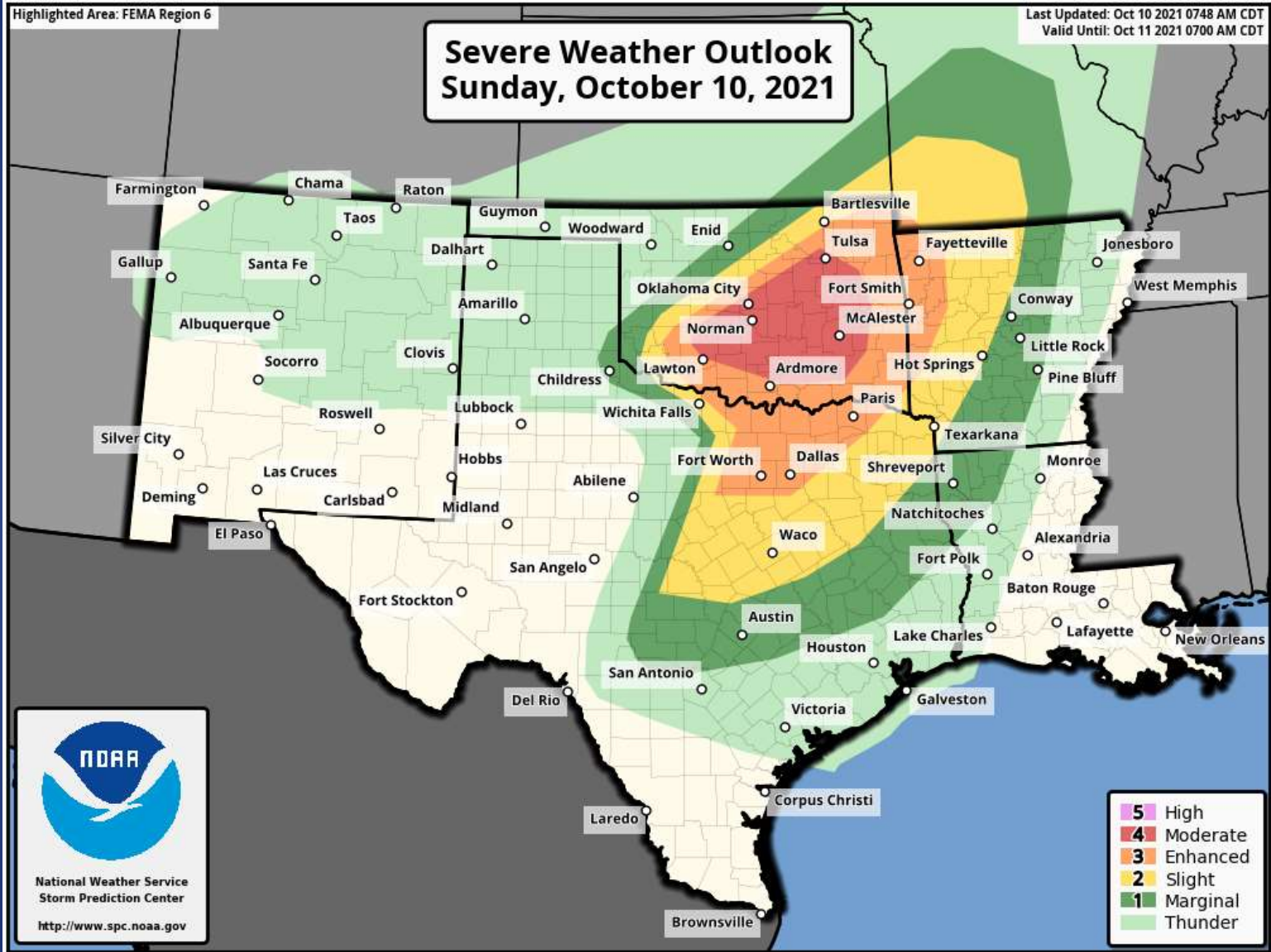
10z issuance Graphic created-Oct 10 6:25AM EDT



## Gusts



# Hazardous Weather



# Hazardous Weather



A strong upper-level storm system will move across the South Plains region Sunday afternoon, complete with a cold front moving through from northwest to southeast. Strong, hot, and dry westerly winds will develop ahead of the front, creating elevated to near-critical fire weather conditions. In contrast, gusty northerly winds will carry in cooler air behind the front, where a chance for showers and thunderstorms will develop across the southern Texas Panhandle and northern South Plains Sunday afternoon. A very low chance for an isolated severe thunderstorm or two will be possible across Childress County as well.



Thunderstorms are expected to develop across the northwest counties along a dryline after 7pm this evening. Some of these may be severe, with damaging winds, large hail, and a few tornadoes possible. Storms will likely evolve into a line late evening and overnight, with damaging winds becoming the primary concern. This line of storms should cross the I-35 corridor in the hours around midnight, then move through the eastern counties overnight. Activity will exit to the southeast early Monday morning.



# Hazardous Weather



Strong to severe thunderstorms are likely late tonight, with the best chances near and north of the Interstate 30 corridor.



A weakening cold front will bring the possibility of strong to severe thunderstorms overnight Sunday night into Monday morning for areas mainly to the north of Conroe.

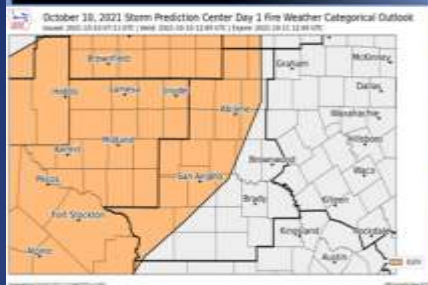
# Hazardous Weather

## Fire Danger West, Storms East Today

Weather Forecast Office  
San Angelo, TX



Issued October 10, 2021 3:45 AM CT



- A Dryline will move across the area this afternoon
- Strong Storms will develop across the far eastern counties by late afternoon
- Dry and windy conditions will lead to an elevated fire danger out west.



General Thunderstorms  
1 - Marginal Risk  
2 - Slight Risk  
3 - Enhanced Risk  
4 - Moderate Risk  
5 - High Risk

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[weather.gov/sjt](#)

A dryline will move across the area today, bringing windy and dry conditions to the west and a chance of storms to the east this afternoon

## Strong to Possibly Severe Storms Tonight into Monday

Weather Forecast Office  
Austin/San Antonio



Issued October 10, 2021 3:37 AM CT

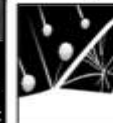
Primary Hazards: Damaging Wind Gusts and Hail



South-Central Texas  
Threat Level:  
1 of 5

General Thunder	1 Marginal (MRGL)	2 Slight (SLGT)
Severe storms are not expected. Any thunderstorms could not produce gusty winds and small hail.	Severe storms will produce hail, damaging winds, and/or possibly tornadoes. Isolated Severe Storms are Possible.	Severe storms will produce hail, damaging winds, and/or tornadoes. Isolated Severe Storms are Possible.
Similar to storms your area may experience many times per year.	Similar to storms your area may experience many times per year.	Similar to storms your area may experience many times per year.

### Potential Hazards:



HAIL 1+ inch Hail Possible



DAMAGING WINDS 60+ MPH Winds

### What

- Broken Line of Showers and Storms
- Hazards include damaging thunderstorm winds and hail

### Where and When

- Parts of the Hill Country and Austin Metro Area overnight tonight into Monday AM.
- Best Chances in Dark Green Shaded Area

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[weather.gov/ewx](#)

A few strong to severe storms are possible tonight and into Monday morning across parts of the Hill Country and Austin metro area. The main hazards will be hail up to quarter size (1 inch in diameter) and damaging thunderstorm winds to 60 mph. Storms should form late in the evening hours and push east across the area overnight.



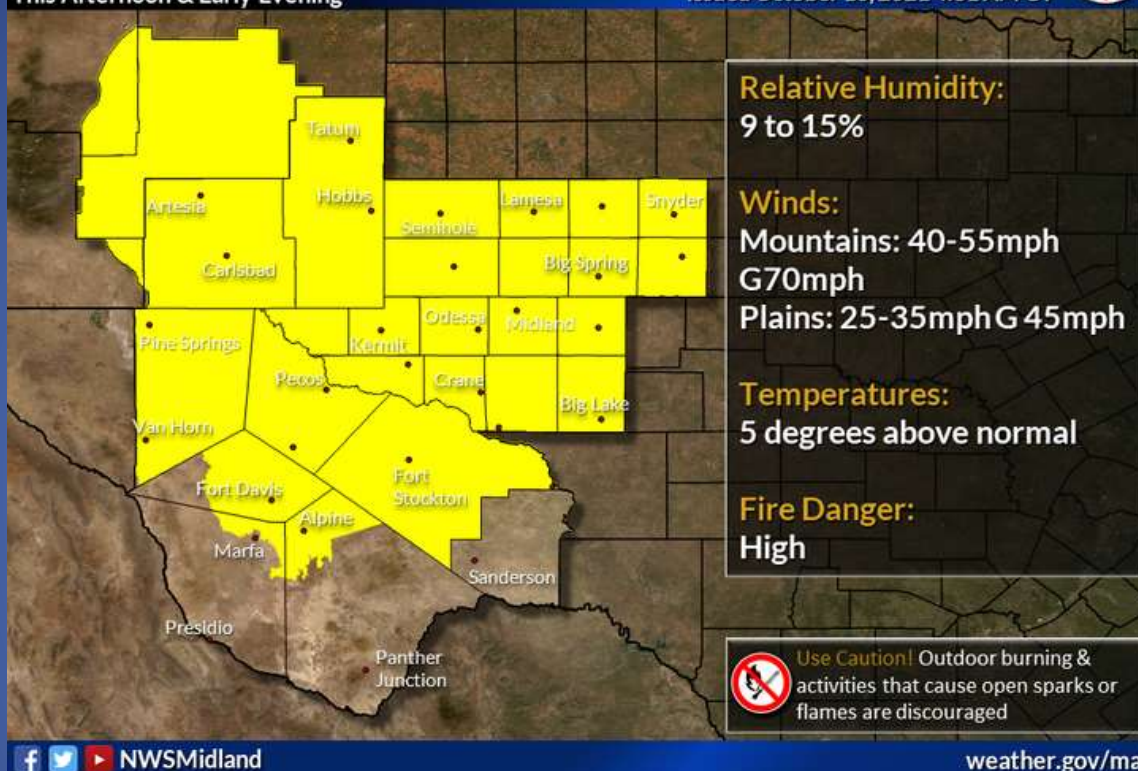
# Hazardous Weather

## Elevated Fire Weather

This Afternoon & Early Evening

Weather Forecast Office  
Midland/Odessa, TX

Issued October 10, 2021 4:31 AM CT



**There will be an elevated fire danger threat today due to low relative humidity and very windy conditions. A Fire Danger Statement has been issued. Outdoor use of open flames is strongly discouraged.**

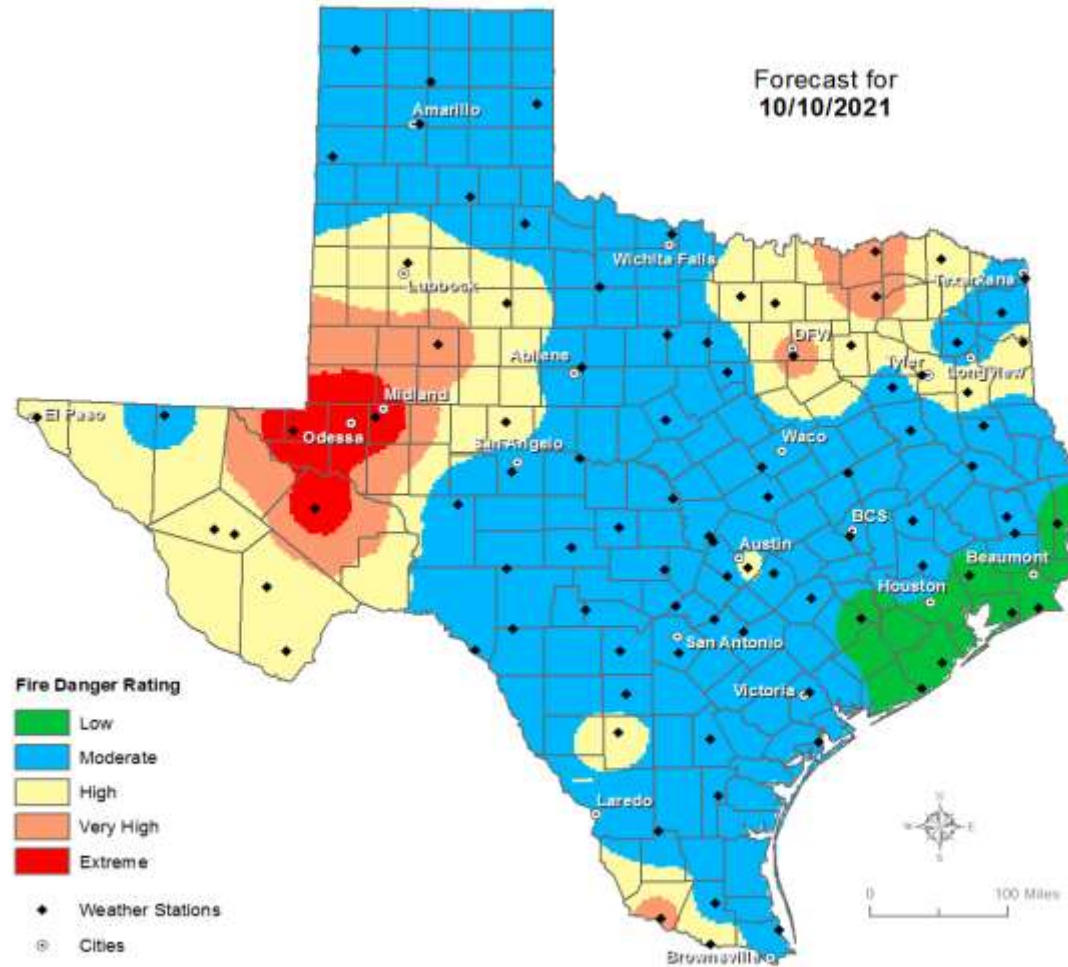


# Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
10/09/21	High Wind Warning	Culberson County
10/10/21	Fire Danger Statement	Anderson, Borden, Cochran, Coke, Crane, Crockett, Crosby, Dawson, Dickens, Ector, Fisher, Gaines, Garza, Glasscock, Haskell, Hockley, Howard, Irion, Jones, Kent, King, Loving, Lubbock, Lynn, Martin, Midland, Mitchell, Nolan, Pecos, Reagan, Runnels, Schleicher, Scurry, Stonewall, Sutton, Taylor, Tom Green, Wards, Winkler and Yoakum Counties

# Fire Danger Forecast

## Forecast Fire Danger



# Burn Ban

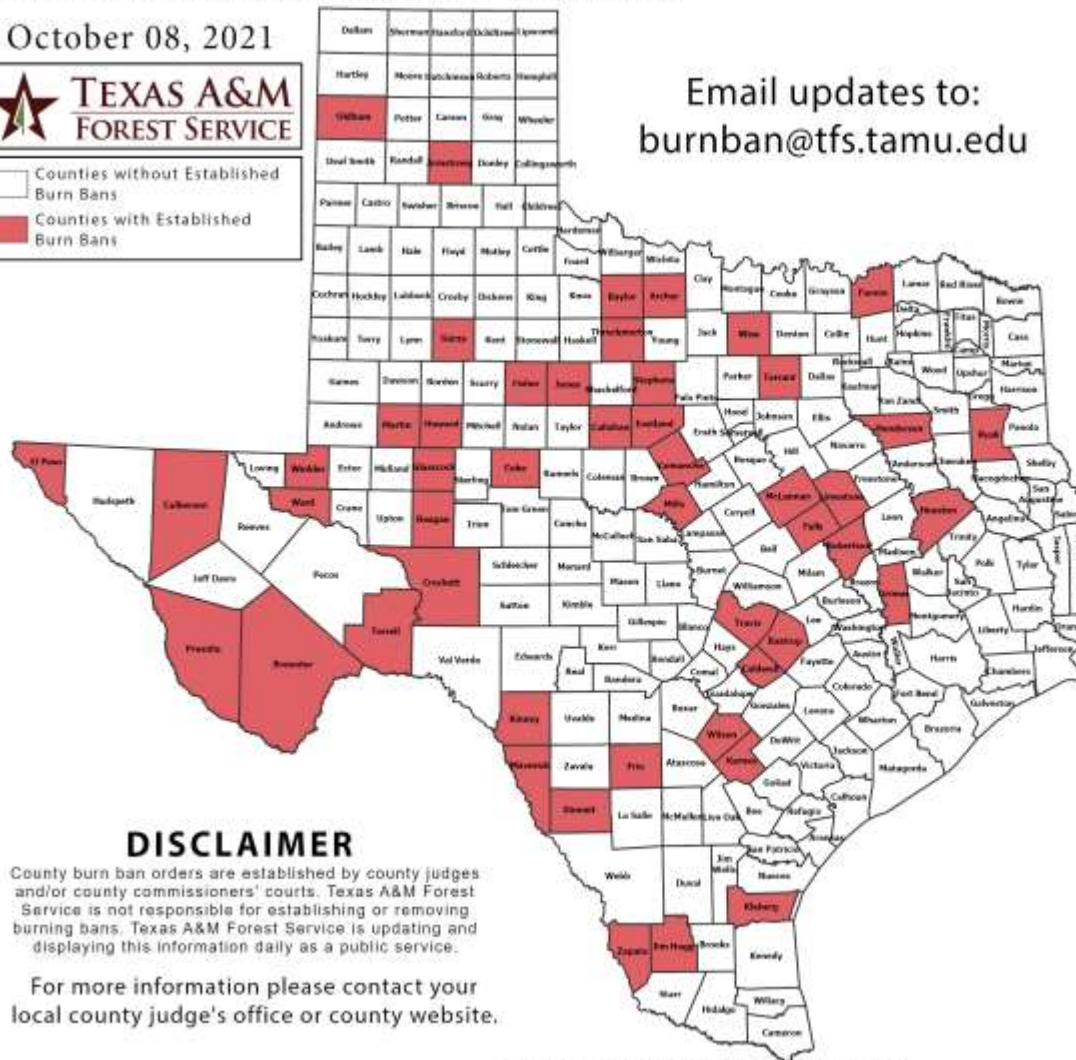
## OUTDOOR BURN BANS

October 08, 2021



☐ Counties without Established Burn Bans  
☒ Counties with Established Burn Bans

Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)



### Counties with Burn Bans: 49

Archer  
 Armstrong  
 Bastrop  
 Baylor  
 Brewster  
 Caldwell  
 Callahan  
 Coke  
 Comanche  
 Crockett  
 Culberson  
 Dimmit  
 Eastland  
 El Paso  
 Falls  
 Fannin  
 Fisher  
 Frio  
 Garza  
 Glasscock  
 Grimes  
 Henderson  
 Houston  
 Howard  
 Jim Hogg  
 Jones  
 Karnes  
 Kinney  
 Kleberg  
 Limestone  
 McLennan  
 Martin  
 Maverick  
 Mills  
 Oldham  
 Presidio  
 Reagan  
 Robertson  
 Rusk  
 Stephens  
 Tarrant  
 Terrell  
 Throckmorton  
 Travis  
 Ward  
 Wilson  
 Winkler  
 Wise  
 Zapata

### DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

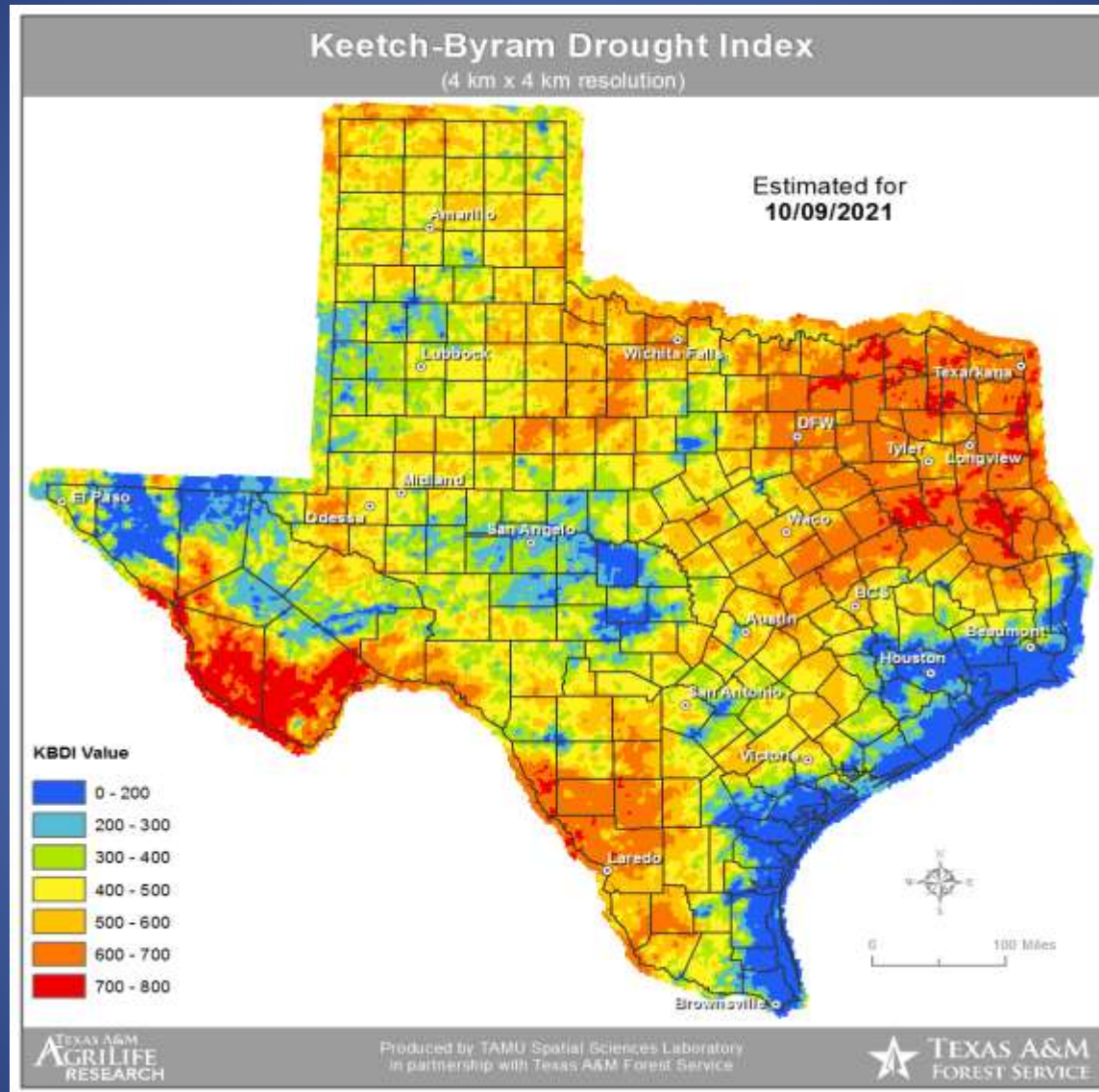
For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

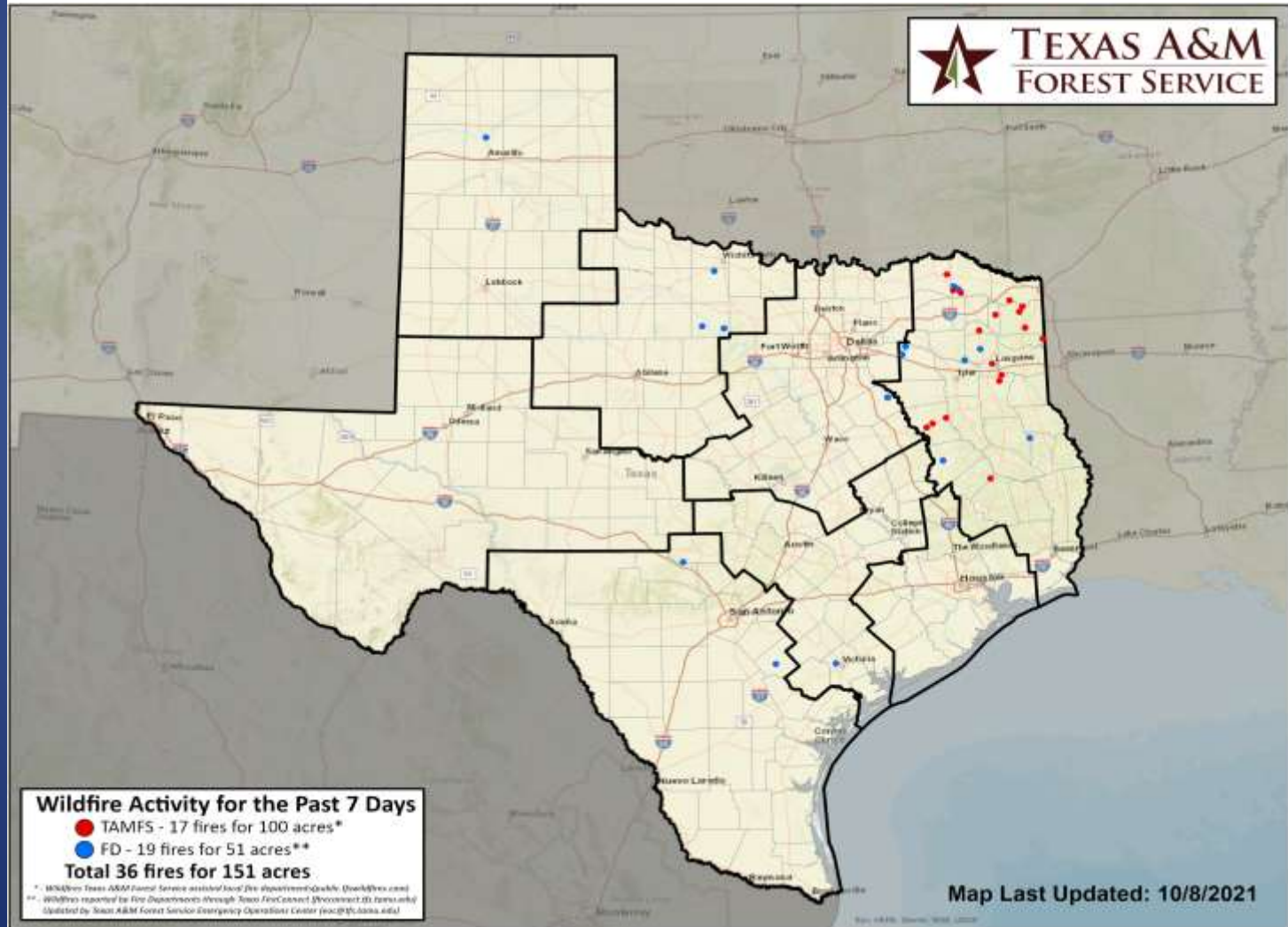


# Keetch-Byram Drought Index



# Fire Activity (\*Last 24 Hours)

Reports of 399 (no change) fires and 41,119 (no change) acres have been destroyed this year. There are 49 (no change) counties with burn bans. The Keetch-Byram Drought Index list 179 (+3) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
09/20/21	11/08/21	Community Emergency Response Team (CERT) Course	G-317	Stephenville
09/31/21	11/20/21	Community Emergency Response Team (CERT) Course	G-317	Belton

# Statewide Significant Events

DATE		LOCATION	EVENT
10/07/21	10/16/21	Waco	Heart of Texas Fair and Rodeo
10/08/21	10/10/21	Austin	Austin City Limits (ACL) Music Festival 2nd Weekend
10/09/21	10/10/21	El Paso	Monster Jam
10/09/21	10/10/21	El Paso	Chalk The Block
10/10/21	10/10/21	Arlington	Dallas Cowboys Game 5
10/10/21	10/10/21	Arlington	NCAA 1 FBS: Southwest Classic
10/10/21	10/10/21	Houston	Houston Texans Game 5